

Lighting

PHILIPS

MASTERColour CDM-TD

MASTERColour CDM-TD 70W/942 RX7s 1CT/12

Range of double-ended, compact, high-efficiency, discharge lamps with a stable color over lifetime and a crisp, sparkling light

Product data

General Information		Luminous Efficacy (
Cap-Base	RX7S [RX7s]	Color Rendering Ind
Operating Position	P45 [Parallel +/-45D or Horizontal(HOR)]	Color Rendering Ind
Life to 5% Failures (Nom)	9000 h	
Life To 10% Failures (Nom)	13000 h	Operating and E
Life to 20% Failures (Nom)	15000 h	Power (Nom)
Life to 50% Failures (Nom)	16000 h	Lamp Current Run-
ANSI Code HID	M139/E	Lamp Current (EM)
		Ignition Supply Vol
Light Technical		Ignition Peak Volta
Color Code	942 [CCT of 4200K]	Ignition Supply Vol
Luminous Flux (Nom)	5600 lm	Re-Ignition Time (N
Luminous Flux (Rated) (Nom)	5450 lm	Ignition Time (Max)
Color Designation	Cool White (CW)	Voltage (Max)
Lumen Maintenance 10000 h (Nom)	60 %	Voltage (Min)
Lumen Maintenance 2000 h (Min)	70 %	Voltage (Nom)
Lumen Maintenance 2000 h (Nom)	85 %	
Lumen Maintenance 5000 h (Min)	60 %	Controls and Din
Lumen Maintenance 5000 h (Nom)	70 %	Dimmable
Chromaticity Coordinate X (Nom)	0.383	Run-Up Time 90%
Chromaticity Coordinate Y (Nom)	0.370	
Correlated Color Temperature (Nom)	4200 K	

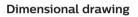
Luminous Efficacy (rated) (Nom)	77 lm/W
Color Rendering Index (Min)	-
Color Rendering Index (Nom)	92
Operating and Electrical	
Power (Nom)	71.0 W
Lamp Current Run-Up (Max)	1.4 A
Lamp Current (EM) (Nom)	0.98 A
Ignition Supply Voltage (Max)	198 V
Ignition Peak Voltage (Max)	5000 V
Ignition Supply Voltage (Min)	198 V
Re-Ignition Time (Min) (Max)	15 min
Ignition Time (Max)	30 s
Voltage (Max)	98 V
Voltage (Min)	82 V
Voltage (Nom)	90 V
Controls and Dimming	
Dimmable	No
Run-Up Time 90% (Max)	3 min

MASTERColour CDM-TD

Mechanical and Housing	
Bulb Finish	Clear
Approval and Application	
Energy Efficiency Label (EEL)	А
Mercury (Hg) Content (Nom)	4.8 mg
Energy Consumption kWh/1000 h	78 kWh
UV	
Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.4
Luminaire Design Requirements	
Bulb Temperature (Max)	500 °C

Pinch Temperature (Max)	280 °C
Product Data	
Full product code	871150020002015
Order product name	MASTERColour CDM-TD 70W/942 RX7s 1CT/12
EAN/UPC - Product	8711500200020
Order code	928084705133
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928084705133
Net Weight (Piece)	21.000 g
ILCOS Code	MD/UB-70/942-H-RX7s-22/117.6

Warnings and Safety



Ο.

Product	D (max)	D	0	C (max)
MASTERColour CDM-TD 70W/942 RX7s	22 mm	0.75 in	7 mm	119.63 mm
1CT/12				

CDM-TD 70W/942 RX7s

Photometric data

150°	180°	150°	
	1	/ \	

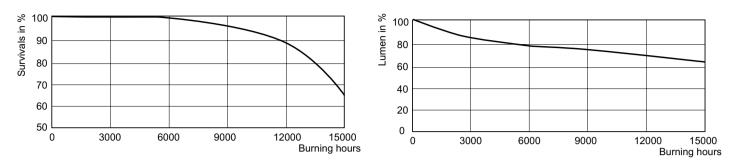
150° 180°

150°

300

MASTERColour CDM-TD

Lifetime



```
LDLM_CDM-TD_0001-Lumen maintenance diagram
```



© 2020 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2020, March 19 - data subject to change